



State of Hawaii
Department of Health
Clean Water Branch

**Do NOT submit
this document.**

Guidelines for CWB NOI Form I (CWBNOI_I.doc)

**Guidelines for Notice of Intent for Hawaii Administrative Rules,
Chapter 11-55, Appendix I, National Pollutant Discharge Elimination
System (NPDES) Notice of General Permit Coverage (NGPC)**

For coverage under a specific NPDES General Permit, the following items are required to be submitted to the Clean Water Branch (CWB):

- A. **CWB NOI General Form** (CWBNOI_General.pdf) with Certifying Person's original signature [via "Submit via Email" button and hard copy]
- B. **General Permit Specific CWB NOI Form I** (CWBNOI_I.doc) [via hard copy]
- C. **All applicable attachments** [via hard copy]
- D. **\$500 Filing Fee** [Check made payable to "State of Hawaii"]
- E. **Additional copies as required for Islands other than Oahu** [see Notes V.D. and V.E. of the General Guidelines]

TABLE OF CONTENTS

<u>Note</u>	<u>Page</u>
General Instructions	2
1. Well Drilling Activity Discharge Information	2
2. Location Map	2
3. Flow Chart	3
4. Existing or Pending Permits, Licenses, or Approvals	3
5. Site Characterization	3
6. Project Description	3
7. Laboratory or Consulting Firm(s) Information	3
8. Physical Effluent Quality	3
9. Water Quality Parameters	4
10. Toxic Parameters	5
11. Well Drilling Process Wastewater Treatment Facility Designer(s) Information	5
12. Well Drilling Plan	5
13. Well Drilling Best Management Practices (BMPs) Plan	5
14. Additional Information	6

General Instructions - This is an MSWord form. Please:

1. Insert the required information - The NGPC Renewal Information is required for an Existing Facility with an NGPC. If this is for an Existing Facility without an NGPC or a New Facility, skip this item.
2. Save
3. Print
4. Submit with the CWB NOI General Form, attachments, and \$500 Filing Fee. Please see Note V - Inquiries and Submittals and Note VI - Filing Fee of the General Guidelines for more submittal information.

1. Well Drilling Activity Discharge Information

a. Source of Discharge

The source of the discharge may be ground water, well water, lubricant, etc.

b. Quantity of Discharge

The average flow contributed by each well drilling activity.

c. Rate of Discharge

The average and maximum daily flow rates of the effluent discharge. This information is based on the method of treatment which is proposed to be used for the project.

d. Frequency of Discharge

Indicate how often the discharge into receiving State waters will occur, as applicable.

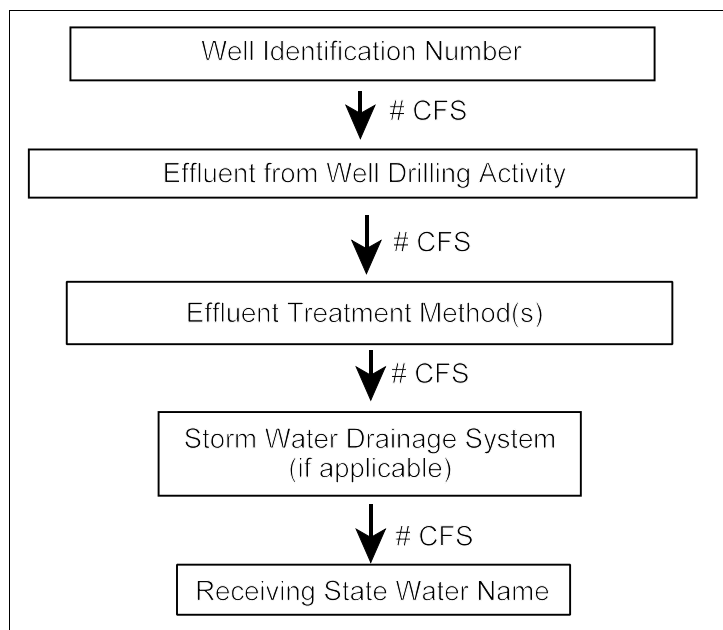
2. Location Map

a. Provide a location map on 8-1/2 by 11 inches sized paper showing the island on which the project is located and the approximate location of the project.

b. Provide a topographic map on 8-1/2 by 11 inches sized paper or folded to 8-1/2 by 11 inches showing at least one mile beyond the project's property boundaries and the receiving State water(s). The map should also include the discharge point(s) where the treated process wastewater exits the project and discharges to the receiving State water(s) and, if applicable, the locations where the treated process wastewater enters into a storm drainage system/structure.

c. If there is more than one (1) discharge point into a drainage structure and/or State receiving water, provide identification numbers and coordinates for each discharge point.

3. Flow Chart



An example of a line drawing indicating how the effluent from the well drilling activity flows through the project and the approximate amount of flow is shown. Indicate any treatment system(s) used. The quantity of discharge contributed by each source (i.e., well #1, well #2, etc.) may be estimated if no data is available.

4. Existing or Pending Permits, Licenses, or Approvals

- a. Indicate any additional NPDES Permit number and/or NGPC File number which is associated with this facility.
- b. Provide any Department of the Army (DA) file number associated with the facility.
- c. Provide the Section 401 Water Quality Certification (WQC) file number associated with the DA Permit.
- d. Others (i.e., Underground Injection Control file number, State Department of Land and Natural Resources - State Historic Preservation Division {SHPD} file number). Submit the NOI to SHPD for review of burial sites, historic burial sites, and native Hawaiian rights in compliance with Hawaii Revised Statutes, Chapter 6E-42(a). Provide the SHPD file number or submit a copy of the transmittal to SHPD. See Note 3 of the General Guidelines.

5. Site Characterization

Provide the information requested.

6. Project Description

Provide the information requested.

7. Laboratory or Consulting Firm(s) Information

Provide the requested information for the laboratory or consulting firm that performed the analyses required in Items H.9 and H.10.

8. Physical Effluent Quality

Place an "X" in either the "Believe Present" column or the "Believe Absent" column based on the test results or your best estimate.

9. Water Quality Parameters

- a. All of the parameters must be tested and reported. Provide a copy of the laboratory data sheets with Quality Assurance/Quality Control and Chain of Custody documents, as applicable.
- b. Test results shall be obtained from a representative sample. "Representative sample" as defined in HAR, Chapter 11-55, Appendix A, Section 14(a):

"As used in this section, a representative sample means that the content of the sample shall:

- (1) Be identical to the content of the substance sampled at the time of the sampling;
- (2) Accurately represent the monitored item (for example, sampling to monitor final effluent quality shall accurately represent that quality, even though the sampling is done upstream of the discharge point); and
- (3) Accurately represent the monitored item for the monitored time period (for example, sampling to represent monthly average effluent flows shall be taken at times and on days that cover significant variations). Representative sampling may include weekends and storm events and may mean taking more samples than the minimum number specified elsewhere in the applicable general permit.

The burden of proving that sampling or monitoring is representative is on the permittee."

- c. One test result may be reported for Salinity, Chloride, or Conductivity.
- d. The test results shall be reported to the nearest decimal place or whole number as shown in the parentheses following each parameter. For example, "Temperature (0.1 °C)" - Temperature shall be reported to the nearest tenth of a centigrade and "Ammonia Nitrogen (1 µg/l)" - Ammonia Nitrogen shall be reported to the nearest whole microgram per liter.
- e. Indicate the test method used for the parameter. The test methods that may be used are promulgated in 40 CFR Part 136 and, when applicable, listed in the references of chemical methodology for seawater analyses (see HAR, Chapter 11-54, Section 10(b)). If a test method has not been promulgated for a particular parameter, you may apply for approval of an alternate test procedure by following 40 CFR Section 136.4.
- f. The detection limit of the test methods used shall reflect the applicable numerical limitations as specified in HAR, Chapter 11-54 and shall be indicated.
 - i. The test method indicated shall have the detection limit below and closest to the numerical limit specified in HAR, Chapter 11-54. For situations where the numerical limitation is below the detection limit of the test methods, use the test method which has the detection limit closest to the numerical limitation.
 - ii. If the test result is not detectable, indicate that the test result is "N.D." or "not detected."
- g. Provide the specific numeric criteria for the receiving water from the "geometric mean not to exceed the given value" column of the applicable table in HAR, Section 11-54-5.2(b)(1), (d)(1), or (d)(2) or Section 11-54-6(a)(3), (b)(3), or (c)(3). The analysis shall include an explanation and evaluation of the source water quality data collected with respect to the applicable specific numeric criteria for the receiving water(s) specified under HAR, Chapter 11-54.

10. Toxic Parameters

- a. Test and report on the parameters which are believed to be present in the well drilling effluent. For example, if the proposed well site was the location of a petroleum leak, you should expect that petroleum product to be present in the well drilling effluent. Provide a copy of the laboratory data sheets with Quality Assurance/Quality Control and Chain of Custody documents, as applicable.
- b. The parameters are categorized into Metals, Organonitrogen Compounds, Pesticides, Phenols, Phthalates, Polynuclear Aromatic Hydrocarbons, Volatile Organics, and Others and are listed alphabetically. A Glossary of Chemicals is listed in Note 2 of the General Guidelines.
- c. Fill in each space to indicate that each parameter has been considered. If a parameter does not apply to the activity, enter "N/A" for "not applicable" in the "Test Result" column to show that the parameter was considered.
- d. The test results shall be reported in micrograms per liter.
- e. Indicate the test method used for the parameter. The test methods that may be used are promulgated in 40 CFR Part 136 and, when applicable, listed in the references of chemical methodology for seawater analyses (see HAR, Chapter 11-54, Section 10(b)). If a test method has not been promulgated for a particular parameter, you may apply for approval of an alternate test procedure by following 40 CFR Section 136.4.
- f. The detection limit of the test methods used shall reflect the applicable numerical limitations as specified in HAR, Chapter 11-54 and shall be indicated.
 - i. The test method indicated shall have the detection limit below and closest to the numerical limit specified in HAR, Chapter 11-54. For situations where the numerical limitation is below the detection limit of the test methods, use the test method which has the detection limit closest to the numerical limitation.
 - ii. If the test result is not detectable, indicate that the test result is "N.D." or "not detected."
- g. Provide the specific numeric criteria for the receiving water (freshwater or saltwater) from the "acute" or "chronic" column of the table in HAR, Section 11-54-4(b)(3). For intermittent discharges, provide the "acute" criteria and for continuous discharges, provide the "chronic" criteria.

11. Well Drilling Process Wastewater Treatment Facility Designer(s) Information

Provide the information requested.

12. Well Drilling Plan

This plan shall describe the equipment and process used for the well drilling activities. This plan shall also include details regarding the treatment system to be used, if applicable.

13. Well Drilling Best Management Practices (BMPs) Plan

- a. Details of the well drilling BMPs Plan include:
 - i. Schedule of activities

Provide a schedule associated with the well drilling project. Include time frames for each aspect of the well drilling activities.
 - ii. Prohibited practices

Describe all activities that will be prohibited at the project site to prevent or minimize the possibility of pollutants to be discharged into State waters.

iii. Operation and maintenance procedures

Describe details of the operation and maintenance procedures to be applied for the well drilling activities.

iv. Other management practices

Describe other management practices to be applied to the well drilling activities to prevent or reduce the discharge of pollutants into State waters.

v. Treatment requirements

Describe treatment requirements that will be applied to the well drilling activities discharge(s).

vi. Project site management practices

Describe management practices to be applied to other activities at the project site to prevent or reduce the discharge of pollutants into State waters.

b. Site-Specific Detailed Well Drilling BMPs Plan Submittal

Identify if the site-specific detailed well drilling BMPs plan will be submitted with the CWB NOI Form I or 30 calendar days before the start of well drilling activities.

14. Additional Information

Any other site-specific information pertaining to the project may also be provided in this section. Additional sheets may be attached with reference to this item.